

NovoTouch BK863i

EDLA Certified, True 86" 4K-UHD interactive display with wireless collaboration and touch interaction



Features

Hardware

- 86" display with 4K Ultra-HD resolution for outstanding details and stunning visuals
- 3mm-thick toughened glass for added protection against scratches or screen damage
- Front bezel USB-A, USB-C ports for quick connection to USB keyboards/mice, memory drives and data
- High-speed Wi-Fi 6 connection
- RJ45 ports for easy Ethernet expansion

Software

- Built-in whiteboard and NovoConnect screen sharing Apps to facilitate efficient collaboration in meeting rooms and classrooms
- Screen annotation and recording tools available for easy content sharing
- Centralized device management through Remote Manager Cloud or Windows software, simplifying IT administration

Display	Type/Technology	Backlit D-LED (ADS Panel)
	Panel Size	86"
	Brightness (Typ.)	450cd/m2
	Contrast Ratio (Typ.)	5000:1
	Native Resolution	4K Ultra-HD (3840 x 2160)
	Viewing Angle (H/V)	178°/178°
	Aspect Ratio	16:9
	Response Time (ms)	5ms (Typ.)
	Refresh Rate (Hz)	60Hz
	Estimated Lifetime (Typ.)	50,000 hours (Min)
	Display Color (Bit)	1.07 billion (10-bit)
	Installation Orientation	Landscape
	Daily Operation (Hours/Days)	16/7
	Technology	Infrared Touch
Interactivity	Touch Points	Writing 10 Point Touch 40 Point
	Accuracy	Finger ±1mm (Over 90% area) Passive Pen ±1mm (Over 90% area)
	Response Time	<5ms
	Touch Resolution	32,768 x 32,768
	Surface Protection	3mm-Thick Toughened Glass
	Touch Tools	Finger, Stylus, Glove, Opaque Objects
	System Version	Android™ v14.0
	CPU	Multi-Core High-Performance ARM®CPU
	GPU	Mali™ G52
	RAM	8GB DDR4
Operating System	Internal Storage	64GB (eMMC Flash)
	Input	Display HDMI v2.0 x1 Side HDMI v2.0 x1 Front USB-C x1 Front (up to PD 15W charging)
	Output	Display HDMI-Out v2.0 x1 (up to 4K@60Hz) Audio Line-Out (3.5mm) x1
	Internet	LAN (RJ45) x1
	Control	RS232-In x1
	Wireless	WiFi WiFi-6 IEEE802.11ax (2.4GHz/5GHz) Bluetooth BT 5.2 I/R Receiver Front x1
	USB-A	Front USB 3.0 x2 Side USB 2.0 x1
	USB-B	Front USB Type B x1(For Touch Port) Side USB Type B x1 (For Touch Port)
	USB-C	Front USB-C x1 (15W charging & display input)
	Expansion	Windows Module (Option) Standard Intel 80pin OPS (Option)
Power	Audio	Speakers 18W x2 (Stereo)
	Power	Power Supply (Internal) AC 100 - 240V, 50/60Hz (5.5A)
	Consumption	≤450W
	Standby Mode	≤0.5W (Standby)
Physical Characteristics	VESA Mounting (FPMPMI)	4 - M8 x 25mm, 800 x 400mm
	Mini PC VESA Mount	100 x 100mm
	Dimension (L x H x D)	1953.0x90.2x1172.3
	Weight	63kg
	Color	Silver
Accessories	Standard	AC Power Cord, Stylus (x2), Remote Control (W/Batteries), Wall Mount Kit, HDMI Cable (3M), Touch Cable (3M) Documentation Kit
	Optional	Windows OPS Module – Standard 80pin

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